

Abstract

In an edition printing process, digital master image data are provided in a pre-printing stage, digital printing data are produced from the master image data, measurement positions and nominal color values in those measurement positions are determined, and the digital printing data as well as the measurement positions and nominal color values are transmitted to the print shop through a data channel. Printing plates are produced in the print shop on the basis of the digital printing data and the edition printing carried out in a printing machine by way of the printing plates. Test image data are thereby produced by image wise colorimetric measurement of one or more edition printing specimens by way of a preferably spectral color measurement system, and used for the color control of the printing machine together with the nominal color values. The test image data produced in the print shop are transmitted through a data channel to the pre-printing stage and there evaluated for quality control. A test image is especially formed from the test image data, displayed on a screen, and visually compared with a quality binding reference image. The result of the quality monitoring (printing release, color corrections) is transmitted through the data channel from the pre-printing stage to the print shop where it is used for the release of the edition printing or the influencing of the printing process.